

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Donald James MILLIGAN et al

Confirmation No.:

Application No.: Unassigned

Examiner: Unassigned

Filing Date: Dec 15, 2003

Group Art Unit:

Title: ELECTROSTATIC ACTUATOR FOR CONTACT PROBE STORAGE DEVICE

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

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Date of Deposit

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By _____

Typed Name:

Respectfully submitted,

Donald James MILLIGAN et al

By _____

William T. Ellis

Attorney/Agent for Applicant(s)

Reg. No. 26,874

Date: Dec 15, 2003

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Substitute for form 1449B/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: December 15, 2003

(use as many sheets as necessary)

Complete if Known

Application Number	Unassigned
Filing Date	December 15, 2003
First Named Inventor	Donald James MILLIGAN
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	084061-0450

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	5,953,306		YI	09/14/1999	
	A2	6,477,132	B1	AZUMA et al.	11/05/2002	
	A3	5,412,641		SHINJO et al.	05/02/1995	
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Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 15, 2003 <i>(use as many sheets as necessary)</i>				Complete if Known	
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				Examiner Name	Unassigned
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FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A40	SEIDEMANN V. et al., Application and Investigation of In-Plane Compliant SU8-Structures for MEMS, Transducers '01 Eurosensors XV, June 10-14, 2001, The 11 th International Conference on Solid-State Sensors and Actuators, Munich, Germany	
	A41	SU-8: A thick photo-resist for MEMS, [online], [retrieved on 10/01/2003]. Retrieved from the Internet: < URL: http://aveclafaux.freesevers.com/SU-8.html , pp. 1-13	

Examiner Signature	Date Considered	
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